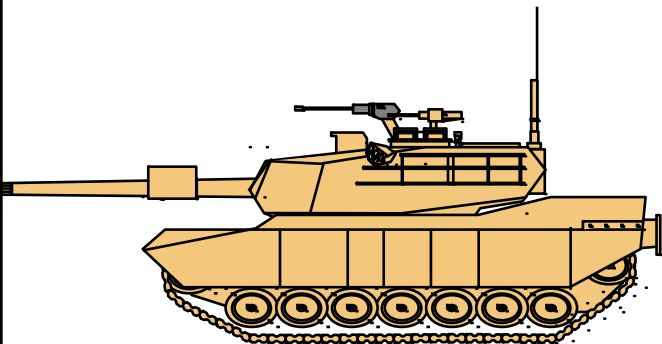
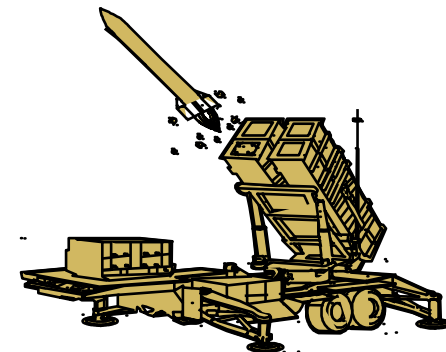
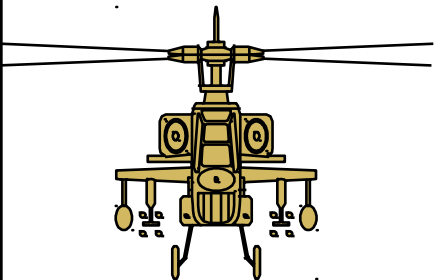




USA CAS BATTALLION RANGE CERTIFICATION





USA CAS BATTALLION RANGE CERTIFICATION



PURPOSE

To review procedures and policies for the use of ranges maneuver areas within the McGregor Training Complex.

Establish and support a command climate conducive to developing a high level of individual, leader and collective war fighting proficiency.

To prescribe responsibilities and procedures relating to the safe conduct of training on ranges and in the maneuver areas.



USA CAS BATTALLION RANGE CERTIFICATION



FT. BLISS/McGREGOR AREA

Altitude 4,000 ft. above sea level

Humidity generally runs 7% to 25%

WBGT does not register when temperature is 110F and above

Terrain looks flat, but is not; vehicles and people will hide in wades/gullies

OFF LIMITS areas are marked in blue on the Ft. Bliss

OFF
LIMITS
BY ORDER OF THE G-10





USA CAS BATTALLION RANGE CERTIFICATION



Total area – 1.1 million acres (1,760 square miles) – 1½ times larger than the state of Rhode Island

Two major maneuver areas encompassing more than 500 square miles

Nine artillery firing groups with the capability to fire all artillery systems to include MLRS and ATACMS



USA CAS BATTALLION RANGE CERTIFICATION



SERVICES PROVIDED

- Air Space Control/Flight following
- MEDEVAC coordination
- Explosive Ordnance Disposal coordination
- Range/Maneuver inspection /clearance
- Maintain daily activity/firing status
- Multi-purpose Range Complex (MPRC) – Heavy
- 26 air defense missile firing sites
- Aerial tactical flight training and gunnery
- Control of restricted air space (1500 square miles)
- Three major range base camps – billeting and messing



USA CAS BATTALLION RANGE CERTIFICATION



RANGE CONTROL OPERATIONS

Davis Dome – Bldg # 9600

Open 24hrs a day / 7 days a week

McGregor Range frequencies:

FM 41.70

Retrans FM 55.80

UHF 397.7

VHF 122.6



USA CAS BATTALLION RANGE CERTIFICATION



RANGE/MANEUVER AREA RESPONSIBILITIES

All ranges must be scheduled 45 days out from required support date

All non baseline firing safety plans and firing data must be submitted to Range Safety at least 1 week prior to date of mission

OIC is responsible for everything that happens or fails to happen on range

Responsibility starts with pre-range training coordination

OIC will control all activities IAW AR 385-62, par 4-2, AR 385-63 and all Fort Bliss SOPs.



(Unit Office Symbol)

USA CAS BATTALLION RANGE CERTIFICATION



(Date)

MEMORANDUM FOR Commander, CAS Bn, ATTN: ATZC-B-C, Fort Bliss, TX 79916

SUBJECT: Request for Officers & NCO's to Perform Duties as Officer-in-Charge/ Range Safety Officer

1. Reference: AR 385-63, page 4-4, Table 4-1.

2. In accordance with the above reference, request the following personnel from _____ be authorized to perform duties as indicated on _____.
(Unit)
(Range)

<u>NAME</u>	<u>RANK</u>	<u>SN</u>	<u>BRIEFING DATE</u>	<u>DUTY</u>
Smith, John D	SSG	000-00-0000		RSO
Jones, Bobby J	CPT	111-11-1111		OIC

3. Weapons to be supervised:

4. The above mentioned individuals have satisfactorily completed a standard program of instruction in the duties of RSO developed by the battalion/unit to which they are assigned, and familiar with all range standing operating procedures, are eminently qualified in and knowledgeable of the weapons and ammunition being fired, and will not be assigned any other duties while acting in either of these capacities. Appointed OIC's and RSO's will not be assigned responsibility for more than one range at a time.

JOHN E. DOE
MAJ, FA
Adjutant



USA CAS BATTALLION RANGE CERTIFICATION



All units will establish communications with Range Control upon occupation

Make hourly radio checks with Range Control every hour on the hour,
Unless notified otherwise (range only)

Report any changes in status to Range Control

Make coordination with Range Control either by phone or in person a day prior

Sign for the Range at the range.

Observation points or maneuver areas are signed for at scheduling



USA CAS BATTALLION RANGE CERTIFICATION



Equipment Sign-out Procedures for Dona Ana Ranges

- Equipment sign-out hours are from 0800-1300 Monday through Friday
- Return equipment the same day or the following morning
- No equipment will be held over the weekend unless cleared by Dona Ana Range personnel
- Equipment may be signed out the day prior to date of range if range not active
- Call for appointment to pick-up equipment @ 569-0340 (answering machine) or Fax 569-0480 ATTN: DARC equipment office



USA CAS BATTALLION

RANGE CERTIFICATION

RANGE OIC/RSO



OIC must be a SFC or above

RSO must be a SSG or above

OIC is the ONLY person authorized to request any of the following:

GREEN TIME - Range firing point is active and allowed to conduct a live fire

HOLD FIRE - Activated for range fires, safety violations, etc

TERMINATION OF GREEN TIME - Range is no longer active



USA CAS BATTALLION

RANGE CERTIFICATION

RANGE MEDICAL SUPPORT



All ranges (except range 4) must have at a minimum (1) qualified medical person on site at all times

Units can use Combat Life Savers (CLS) in the place of medics or corpsmen

CLS must have a MFR signed by unit commander stating the date they were certified and identifying the CLS

Medics must have their ID card with Geneva Convention Stamped on ID card



USA CAS BATTALLION RANGE CERTIFICATION



HAND GRENADE RANGE

Range 4 (hand grenade range) must have 2 qualified medical personnel; **NO CLS WILL BE USED!!!!**

Bleachers inside the range will only be used for initial briefing

Guard will be posted at entrance gate with communications to tower

No vehicles inside range during live fire



USA CAS BATTALLION RANGE CERTIFICATION



ACCIDENT/INCIDENT DEFINITION

Those range or training area events which cause or could cause injury to military or civilian personnel, adverse facility impact, violation of an impact area or destruction of government property



USA CAS BATTALLION RANGE CERTIFICATION



ACCIDENT OR INCIDENT REPORTING PROCEDURES

Oral report:

1. Submit immediately by OIC to Range Control

Written report:

2. Submitted to USA CAS S-3 or Range Control
within 24 hours of event

Report will provide circumstances and recommendations for preventing a re-occurrence

The OIC is responsible for securing the accident/incident site and ensuring all evidence and ordnance is left in place (Cease Fire/Freeze)



USA CAS BATTALLION RANGE CERTIFICATION



MEDEVAC

The MEDEVAC detachment maintains an On-Call air ambulance for actual medical emergencies. Call MEDEVAC through McGregor Range Control using FM 41.70, FM 55.80, UHF 304.6 or VHF 122.6

These frequencies are monitored continuously by Range Control

OIC/RSO will ensure MEDEVAC is needed prior to making request or unit will be liable for unnecessary requests



USA CAS BATTALLION RANGE CERTIFICATION



RANGE FIRE RESPONSIBILITIES

Report all fires to Range Control immediately

Have required fire fighting detail and equipment, IAW Range SOP, pg..22 para. 27

Detail will consist of:

1. NCOIC
2. Vehicle with communications to Range Control or tower

Required fire fighting equipment located in vehicle:

1. Beaters, forest fire: 4 each
2. Pump back pack, forest fire: 2 each (filled with water)



USA CAS BATTALLION RANGE CERTIFICATION ADDITIONAL INFORMATION



No one is allowed down range without the approval of Range control

Crossing or the use of HWY 54 & War HWY 11 during peak traffic hours of 0630 – 0830 and 1500 – 1730 hours is discouraged

Military Police are required for convoys to cross HWY 54

Convoys are 6 vehicles or more

Military Police support is required to **STOP** traffic

Two safety violations can result in the termination of your green time and/or de-certification of the range OIC/RSO



USA CAS BATTALLION RANGE CERTIFICATION



The only vehicles authorized on the range are the RTO and medic vehicle

POVs will be parked in designated lots

No POVs are permitted off War HWY 11 without authorization

POVs can obtain a pass from Range Enforcement or MPs.
Pass must be displayed on the dashboard

GSA vehicles are not required to have this pass

50 meters on either side of War HWY 11 is **Off Limits** to all vehicles

Rail tracks off HWY 54 is **Off Limits** to all vehicles

Blackout is authorized inside maneuver areas only



USA CAS BATTALLION RANGE CERTIFICATION



Tracked vehicles are prohibited from using paved roads except at crossing points

Cross pipelines at authorized crossings only

Speed on tank trails is 20 mph during daylight and 10 mph at night. Main supply route (MSR) is 35 mph

Accident or incidents on HWY 54 will be reported to Range Control

Any Unit found in an area without authorization will be held responsible for that area

Units will provide dumpster support thru their S-4

All units are also required to use turn and block in maneuver



USA CAS BATTALLION RANGE CERTIFICATION



Unit is responsible for providing portable toilets and will not fire with out them

Unit is required to bring Megaphone (bull horn) for all ranges

Prior to clearing ranges unit is required to fill **50 sandbags**

All military vehicles will have a drip pan under their vehicles when parked

Range will be cleared with a joint inspection

No range will be cleared during hours of darkness unit will return the following work day to clear range. A time to clear range will be coordinated. No shows will still be held responsible even if another unit utilizes the range

Certification good for 12 months



USA CAS BATTALLION RANGE CERTIFICATION



**Avoid doing the
following.**









USA CAS BATTALLION RANGE CERTIFICATION



**Some good
examples of
different fuel
points.**









USA CAS BATTALLION
RANGE CERTIFICATION
UNEXPLODED ORDINANCE
(UXO/DUDS)



DO NOT ATTEMPT TO MOVE IT!!!!

Immediately report it to Range Control and mark the area with engineer tape or any other material 10 meters away and around the area

Post a guard 100 meters away

Range Control will handle all EOD requests



USA CAS BATTALLION RANGE CERTIFICATION



UXO SPOT REPORT

LINE 1- (DTG discovered)_____

LINE 2- (Reporting Unit/Grid of UXO)_____

LINE 3- (Contact method/FM freq/Phone#)_____

LINE 4- (Type of Ordnance/QTY)_____

LINE 5- (NBC Contamination)_____

LINE 6- (Resources threatened)_____

LINE 7- (Impact on mission)_____

LINE 8- (Protective measures taken/How marked)_____

LINE 9- (Recommended priority)_____

Priorities:

Immediate-Stops the units maneuver and mission or vital assets

Indirect-Slows the units maneuver and mission or threatens important assets

Minor-Reduces the units maneuver and mission or threatens non-critical assets

No Threat-Has little or no effect on units capabilities or assets

741st Ordnance Company (EOD)

Emergency Phone #'s: 568-8905/8703 Non-Emergency #: 568-9910

Fax: 568-9049



USA CAS BATTALLION RANGE CERTIFICATION



ACCESS TO DUDDDED AREAS

Request written permission from Range
Commander

Access, if granted, will be monitored by Range
Control personnel

Leaders will control personnel at all times

NO SOUVENIRS!!!!



USA CAS BATTALLION RANGE CERTIFICATION



SAFETY ALERT NOTIFICATION

The army recently experienced a serious accident caused by improper

Construction of a fighting position. During assembly area occupation, the overhead cover of a fighting position collapsed on a soldier. The soldier suffered a fractured spine, resulting in a permanent disability.

The soldiers built this position as they had been trained—**not to standard**. The design was similar to many they had built in the past and clearly, this accident was just waiting to happen. The pre-conditions were set—**Training and Leader failure**

REF: FM 5-34 or GTA 5-22XX



USA CAS BATTALLION RANGE CERTIFICATION



SAFETY ALERT NOTIFICATION

The army safety center has noted 20 convoy accidents since FY 98 caused by **LEADERS** failing to properly perform their duties as the commanders of a vehicle movement as required in **FM 55-30**. This includes failure to control the group's movement, failure to ensure that vehicles maintain a proper march speed, and failure to properly mark the units vehicles.



USA CAS BATTALLION RANGE CERTIFICATION



Safety Alert

An M16A2 rifle exploded during a recent range exercise on Fort Sill. The soldier's weapon was rodded, with a sectioned cleaning rod, to ensure the rifle barrel was clear and the soldier proceeded to the firing line. A three round magazine was issued to the soldier and when the first round was fired, the weapon exploded. A standard issue, sectioned, weapon-cleaning rod was used to rod the weapon. A section of cleaning rod came loose and stayed in the weapon causing the round to jam and resulted in an explosion. Two days later, a similar accident occurred on a small arms range at Fort Campbell Kentucky.





USA CAS BATTALLION RANGE CERTIFICATION

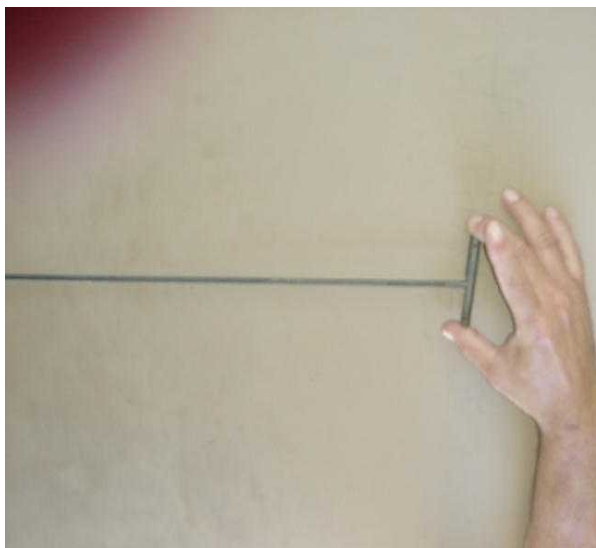


The standards for small arms listed in FM 23-9 M16A2 does not specify the type of rod to be used to clean an M16 rifle barrel.

To prevent this type of accident from recurring, recommend using clearing rods that are only one piece, and made of soft metal such as brass or aluminum.



USA CAS BATTALLION RANGE CERTIFICATION



DO NOT USE!
Sectioned cleaning



USE THIS!
One piece clearing
rod



USA CAS BATTALLION RANGE CERTIFICATION



ENVIRONMENTAL COMPLIANCE

Do not dig up or collect any plants, even for camouflage.

It is illegal to collect or remove cactus

Violators will be prosecuted!!!

Do not disturb or destroy bird nests

Do not collect or harm animals. Leave all wildlife alone,
even snakes

MRE Heaters must be discharged before they are



USA CAS BATTALLION RANGE CERTIFICATION



ARTIFACTS

Surface collection or excavation of archeological sites

And artifacts (arrowheads, bottles, etc.) is prohibited.

Minimum criminal and civil penalties begin with 1 year in prison and \$50,000 in fines.



USA CAS BATTALLION RANGE CERTIFICATION



SPILL RESPONSE

Report all spills to immediately to Range Control

Failure to report spills is a violation of federal law.
Violators are subject to severe penalties

Stop the flow and contain the spill if possible

Cleanup POL spills of less than 5 gallons

Seek DOE direction for all other types of spills of
5 gallons or more



USA CAS BATTALLION RANGE CERTIFICATION INSPECTIONS



All units must contact the DOE for approval prior to:

Setting up hazardous waste and POL accumulation sites

Setting up fuel bladders and berm construction

Setting up fuel dispensing facilities

Setting up shower/laundry points (New Mexico permit required)



USA CAS BATTALLION RANGE CERTIFICATION



Phone numbers

Davis Dome
9240/9241

(915)569-

Meyer Range Control

(915)569-9288/9414

Range 40

(915)569-0340

Scheduling

(915)569-9247/9248

Safety

(915)569-9214

Range Enforcement

(915)569-

0311/0422



USA CAS BATTALLION RANGE CERTIFICATION



GRID CORD. FOR LATRINES

Rng 3 & 4: CF93894563 Rng 18: CF92704114

Rng 6: CF92104730 Rng 19: CF94004118

Rng 10: CF92284360 Rng 20: CF95204826

Rng 11: CF92284350 FAW 10: CF94085025

Rng 12: CF92264342 IFC 23: CF89155345

Rng 13: CF92264342 BDLG 9881(NBC): CF91714450

Rng 14: CF92714220 FAW 11: CF93805050

Rng 15: CF92804200

BDLG 9822(Carpenter):CF92234351